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The invention comprises a wireless camera apparatus and system for automatic capture and delivery of digital image “messages” to a remote system at a predefined destination address. Initial transmission occurs via a wireless network, and the apparatus process allows the simultaneous capture of new messages while transmissions are occurring. The destination address may correspond to an e-mail account, or may correspond to a remote server from which the image and data can be efficiently processed and / or further distributed. In the latter case, data packaged with the digital message is used to control processing of the message at the server, based on a combination of pre-defined system and user options. Secured Internet access to the server allows flexible user access to system parameters for configuration of message handling and distribution options, including the option to build named distribution lists which are downloaded to the wireless camera. For example, configuration data specified on the server may be downloaded to the wireless camera to allow users to quickly specify storage and distribution options for each message, such as archival for later retrieval, forwarding to recipients in a distribution list group, and / or immediate presentation to a monitoring station for analysis and follow-up. The apparatus and system is designed to provide quick and simple digital image capture and delivery for business and personal use.